NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 5/14/2009

Control	**6194-83-001**
Project	**RMC - 619483001**
Highway	**US0079**
County	**FREESTONE**

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an adendum notification which details the changes and the respective proposal pages which were added and/ or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped “This Proposal Issued for Informational Purposes.”

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS
PROJECT: RMC - 619483001 CONTROL: 6194-83-001
COUNTY: FREESTONE
LETTING: 05/19/2009
REFERENCE NO: 0514

PROPOSAL ADDENDUMS

_ PROPOSAL COVER
X BID INSERTS (SH. NO.: 1-2)
X GENERAL NOTES (SH. NO.: 1,2,3,4, and 5 Plan Sheets 4, 5, and 5A)
X SPEC LIST (SH. NO.: 1-2)
X SPECIAL PROVISIONS:
ADDED: 300-016

DELETED:

_ SPECIAL SPECIFICATIONS:
ADDED:

DELETED:

_ OTHER:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Plan Sheet 1 (Title Page) modified to reorder the "Type of Work". Added Sheet 22A TCP(7-1)-98 to the contract. Plan Sheet 2 (Index of Sheets and Location Map) modified to include Sheet 22A. Surface treatment moved from below HMA inlay to surface of inlay and extend the surface treatment area beyond the inlay. Plan Sheets 3 and 3A (Typical Sheets) revised to show the change of the surface treatments areas. General Notes revised to show item description changes for Items 316 and 341 and quantities changes for Items 316 in Basis of Estimate. Item 8 has changed note related to milling and inlay operations. Item 302 and 341 has changes to the aggregate classification. Item 666 note was modified requesting the documentation of existing pavement markings prior to work. Plan Sheets 4, 5, and 5A modified to include the changes to the Basis of Estimate, Item 8, Item 302, Item 341 and Item 666. Items 316-2576, 316-2603 and Item 341-2031 are deleted from the contract. Item 316-2532, 316-2414, and Item 341-2048 are added. Quantities are updated/modified for Items 316-2532, 316-2414, 662-2113 and 662-2115. Plan Sheet 6 (Estimate and Quantity Sheet) and Plan Sheet 7 (Summary Sheet) are modified for the revised items and quantities. Extraneous information was removed from Plan Sheets 23 and 24 (Project Layout). Special Provision 300-016 was added to the contract.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	316	2414		AGGR (TY-PB GR-4 OR TY-PL GR-4 SAC-A) DOLLARS and CENTS	CY	208.000	1
	316	2532		ASPH(AC-20-5TR OR AC-20XP) DOLLARS and CENTS	GAL	9,938.000	2
	341	2048	020	D-GR HMA(QCQA) TY-C SAC-B PG70-22 DOLLARS and CENTS	TON	3,252.000	3
	354	2068		PLANE ASPH CONC PAV (2"-3") DOLLARS and CENTS	SY	23,651.000	4
	500	2001	005	MOBILIZATION DOLLARS and CENTS	LS	1.000	5
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HANDLING DOLLARS and CENTS	MO	2.000	6
	662	2113	001	WK ZN PAV MRK SHT TERM (TAB) TY W DOLLARS and CENTS	EA	858.000	7
	662	2115	001	WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	168.000	8
	666	2003	001	REFL PAV MRK TY I (W) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	1,860.000	9
	666	2012	001	REFL PAV MRK TY I (W) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	9,630.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2036	001	REFL PAV MRK TY I (W) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	1,440.000	11
	666	2048	001	REFL PAV MRK TY I (W) 24"(SLD)(100MIL) DOLLARS and CENTS	LF	20.000	12
	666	2111	001	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	8,742.000	13
	666	2123	001	REFL PAV MRK TY I (Y) 8" (SLD)(100MIL) DOLLARS and CENTS	LF	290.000	14
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	37.000	15
	672	2022	034	TRAFFIC BUTTON TY II-C-R DOLLARS and CENTS	EA	134.000	16
	3179	2002		SALVAGED RAP(CREDIT ITEM)(2"-3") DOLLARS and CENTS	SY	23,651.000	17

Project Number: RMC 6194-83-001 **County:** Freestone

Control: 6194-83-001 **Highway:** US 79 Etc.

GENERAL NOTES

BASIS OF ESTIMATE

ITEM NO.	ITEM	RATE/UNIT	NO. UNITS	QTY	UNIT
316	ASPH (AC - 20 - 5TR OR AC - 20XP)	0.38 GAL/SY	26,159 SY	9,938	GAL
316	AGGR (TY-PB GR-4 OR TY-PL GR-4) (SAC - A)	1 CY/125 SY	26,159 SY	208	CY
341	D - GR HMA (QCQA) TY-C SAC-B PG70 - 22	275 LBS/SY	23,651 SY	3,252	TON

For Contractor's information only

DEBT TO THE STATE:

If the Comptroller is currently prohibited from issuing a warrant to the Contractor because of a debt owed to the State, then the Contractor agrees that any payment owing under the contract will be applied toward the debt or delinquent taxes until the debt or delinquent taxes are paid.

GENERAL:

Refer questions regarding this contract to:

Freestone County Maintenance Supervisor
340 US 84 West
Fairfield, TX 75840
(903) 389-3530

View plan sheets on-line or download from the web at:
http://www.dot.state.tx.us/business/plansonline/plansonline.htm

Order plans from any of the plan reproduction companies shown on the web at:
http://www.dot.state.tx.us/gsd/plans/companies.htm

ITEM 7 LEGAL RELATIONS AND RESPONSIBILITIES:

Wear high visibility safety vests as outer garments at all times when work is being performed.

Prove to the Engineer's satisfaction that employees operating equipment on the travel lanes have a valid State Drivers License issued by one of the United States of America.

Verify locations of all existing utilities in the area of construction with local utility companies.

This project is on a hurricane evacuation route. Furnish at the pre-construction meeting a written plan outlining procedures to suspend work, secure the job site and safely handle traffic through and across the project in the event of a hurricane evacuation.

During the hurricane season (June 1 through November 30), do not close any travel lanes except when the Contractor can demonstrate that he can provide labor, equipment, material, work plan, and quality of work to satisfactorily return all lanes to an open, all-weather travel surface within three days of receiving written or verbal notice but no later than 3 days prior to hurricane landfall. Construction of temporary lanes to an all weather surface will be paid in accordance with Article 9.4, “Payment for Extra Work.”

In addition to lane closures, cease work 3 days prior to hurricane landfall on or near the roadway that adversely impacts the flow of traffic and reduces the capacity of the highway during an evacuation. Prohibit the Contractor’s, sub-contractors’ or material suppliers’ vehicles from entering or exiting the stream of traffic including material hauling and delivery, and mobilization or demobilization of equipment. When directed, this prohibition will include a reasonable time period for the evacuees to return to their point of origin.

In the event of the declaration of a hurricane watch, warning, other severe weather warning or national or state emergency that requires the roadways in the vicinity be used as evacuation routes, cease all work that requires the Contractor’s, sub-contractors’ or material suppliers’ vehicles to enter the stream of traffic on these primary or secondary evacuation routes. This work includes material hauling and delivery, and mobilization or demobilization of equipment.

For this project, the following are recognized evacuation routes:

Primary Evacuation Routes: IH 45, US 290, SH 6, SH 36

Secondary Evacuation Routes: US 79, US 84, SH 7, SH 30, SH 21, SH 105.

Other routes may be designated.

ITEM 8 PROSECUTION AND PROGRESS:

Commence work upon the issuance of work order by the Engineer or his representative. Working days will be charged in accordance with Section 8.3.A.4. "Standard Workweek."
Working days estimated for this project include curing, testing and performance periods. Suspension of time for curing, testing or performance periods will not be granted, except time will not be charged during testing and performance periods which occur after the final acceptance as described in Section 5.8 of the Standard Specifications.

Provide the sequence of work with an estimated project schedule to the Engineer for approval prior to commencing any work on this contract. By noon of each Wednesday, provide the Engineer a written outline of the proposed work schedule for the following week. This outline will also list the times and places for proposed traffic control changes.

Notify the Engineer any time that work will not be performed by 8:15 a.m. of that day.

Do not commence work prior to sunrise and arrange the work so all equipment and/or personnel will not be on any traveled roadway after sunset.

The length of the lane closure shall be limited so that it does not stop traffic for more than five minutes. There shall only be one lane closure at a time for this project.

Milling and inlay operations for the roadway section under repair for that day must be completed during the same working day and the section opened to traffic. Seal entire project limits after completing milling and inlay operations.

ITEM 302 AGGREGATES FOR SURFACE TREATMENTS:

For repair area seal coat use aggregate with a minimum surface aggregate classification "A" (SAC-A) as determined by the Aggregate Quality Monitoring Program (AQMP) listed in the Rated Source Quality Catalog (RSQC).

ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA):

Provide mixture type C using PG binder 70-22. Use aggregate that meets the surface aggregate classification "B" (SAC-B) as determined by the Aggregate Quality Monitoring Program (AQMP) listed in the Rated Source Quality Catalog (RSQC).

Add one (1.0) percent hydrated lime, commercial, or lime slurry lime, based on the total aggregate weight, as mix enhancer for all mixture types. Provide hydrated lime or commercial lime slurry in accordance with DMS-6350, "Lime and Lime Slurry". Add hydrated lime or commercial lime slurry in accordance with Item 301.4.B.

Design for a target laboratory molded density of 97.0%.

The Engineer will approve the target asphalt percentage based on acceptable results from the Hamburg Wheel.

Hamburg Wheel Test Requirements			
High-Temperature Binder Grade	**Test Method**	**Laboratory Mixture Design or Trial Batch**	**Production and Placement Test**
		Minimum # of Passes @ 0.5" Rut Depth, Tested @122°F	**Minimum # of Passes @ 0.5" Rut Depth, Tested @122°F**
PG 64 or lower	Tex-242-F	7,000	7,000
PG 70	Tex-242-F	15,000	15,000
PG 76 or higher	Tex-242-F	20,000	20,000

The Engineer may accept if no more than 1of the 5 most recent Hamburg Wheel tests is below the specified number of passes and the failing test is no more than 2,000 passes below the specified number of passes.

ITEM 354 PLANING AND TEXTURING PAVEMENT:

Existing raised pavement markers in the proposed work area are to be removed prior to planing operations. This item will be considered subsidiary.

Salvage and take ownership of reclaimed asphalt pavement (RAP) material designated for sale to the Contractor in accordance with Item 3179.

ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING:

Provide all traffic control for this project. Truck Mounted Attenuators (TMAs) will not be required for this project except as directed by the Engineer. The traffic control plan will be governed by PART VI of the TMUTCD, the BC standards sheets, and the traffic control standard sheets or as directed by the Engineer.

No lane closures shall remain in place before or after daylight hours without the approval of the Engineer.

Additional signing and/or barricades shown in the TMUTCD, BC, and TCP standards may be required by the Engineer to insure the safety of the traveling public.

Use TCP (1-2b) on TxDOT Standard Sheet TCP (1-2)-98 for all lane closures. Use flaggers for all lane closures.
Project barricades will be required.
Provide an exit lane through the lane closure for the US 84 EB to US 79 SB ramp with a EXIT (E5-1) sign marking the lane.

During one-way operations, station flaggers at all county roads and any other locations, such as private businesses, that may have traffic entering the work area.

Removal of ground mounted temporary signs and supports as specified on standard sheet BC(5)-07, shall include the immediate backfilling of support holes with Type B embankment material and the compaction of the backfill material.

ITEM 666 REFLECTORIZED PAVEMENT MARKINGS:

Unless authorized by the Engineer, the Contractor will not place the pavement markings on the resurfaced roadway until it has cured for three (3) days.

Document existing pavement markings prior to work and have Engineer verify prior to installing markings.

Furnish Type II drop-on glass traffic beads conforming to DMS-8290 for use with Type I marking materials.

ITEM 672 RAISED PAVEMENT MARKERS:

Use flexible bituminous adhesive for applications on all pavement types. Flexible bituminous adhesive must be approved by the Engineer prior to construction.

ITEM 3179 SALE OF SALVAGE RECLAIMED ASPHALTIC MATERIAL:

The contractor shall be required to purchase all the RAP material on this project. The material may be incorporated into various bid items as approved by the Engineer.

CONTROL : 6194-83-001
PROJECT : RMC - 619483001
HIGHWAY : US0079
COUNTY : FREESTONE

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION JUNE 1, 2004. STANDARD SPECIFICATIONS ARE INCORPORATED INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 316 SURFACE TREATMENTS (210)(300)(302)(520)
ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA) (210)(300)(301)(320)(520)(585)
ITEM 354 PLANING AND TEXTURING PAVEMENT
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)
ITEM 672 RAISED PAVEMENT MARKERS (677)(678)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED HEREON WHEREVER IN CONFLICT THEREWITH.

SPECIAL PROVISION "SCHEDULE OFLIQUIDATED DAMAGES" (000--149 3)
SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS" (000---011)
SPECIAL PROVISION TO ITEM 1 (001---011)
SPECIAL PROVISION TO ITEM 2 (002---017)
SPECIAL PROVISION TO ITEM 3 (003---023)
SPECIAL PROVISION TO ITEM 4 (004---013)
SPECIAL PROVISION TO ITEM 5 (005---004)
SPECIAL PROVISION TO ITEM 6 (006---030)
SPECIAL PROVISIONS TO ITEM 7 (007---213)(007---445)
SPECIAL PROVISIONS TO ITEM 9 (009---012)(009---015)
SPECIAL PROVISION TO ITEM 300 (300---016)
SPECIAL PROVISION TO ITEM 341 (341---020)

SPECIAL PROVISION TO ITEM 500 (500---005)
SPECIAL PROVISION TO ITEM 502 (502---033)
SPECIAL PROVISION TO ITEM 662 (662---001)
SPECIAL PROVISION TO ITEM 666 (666---001)
SPECIAL PROVISION TO ITEM 672 (672---034)

SPECIAL SPECIFICATIONS:

ITEM 3179 SALE OF SALVAGE RECLAIMED ASPHALT PAVEMENT

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFICATIONS FOR THIS PROJECT.

SPECIAL PROVISION

300---016

Asphalts, Oils, and Emulsions

For this project, Item 300, "Asphalts, Oils, and Emulsions," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 300.2. Materials, Table 3, "Polymer-Modified Asphalt Cement" is voided and replaced with the following:

Table 3A
Polymer-Modified Asphalt Cement

Property	Test Procedure	AC-5 w/2% SBR		AC-10 w/2% SBR		AC-15P		AC-20XP	
		Min	Max	Min	Max	Min	Max	Min	Max
Polymer		SBR		SBR		SBS		SBS	
Polymer Content, % (solids basis)	Tex-533-C	2.0	-	2.0	-	3.0	-	-	-
Dynamic Shear, G*/sin(delta), 64°C, 10 rad/s, kPa	T315	-	-	-	-	-	-	1.0	-
Viscosity									
140ºF, poise	T 202	700	-	1300	-	1500	-	2000	-
275ºF, poise	T 202	-	7.0	-	8.0	-	8.0	-	10
Penetration, 77ºF, 100 g, 5 sec.	T 49	120	150	80	-	100	150	75	115
Ductility, 5cm/min., 39.2ºF, cm	T 51	70	-	60	-	-	-	-	-
Elastic Recovery, 50ºF, %	Tex-539-C	-	-	-	-	55	-	55	-
Softening Point, ºF	T 53	-	-	-	-		-	120	-
Polymer Separation, 48 hrs.	Tex-540-C	None		None		None		None	
Flash Point, C.O.C., ºF	T 48	425	-	425	-	425	-	425	-
Tests on Residue from Thin Film Oven Test:	T179								
Retained Penetration Ratio, 77ºF	T 49	-	-	-	-	0.60	1.00	0.6	1.00
Tests on Residue from RTFO aging and Pressure Aging Vessel:	Tex-541-C and R28								
Bending Beam Rheometer	T313								
Creep Stiffness, -18°C, MPa		-	-	-	-	-	-	-	300
m-value, -18°C		-	-	-	-	-	-	0.300	-

Table 3B
Tire Rubber Modified Asphalt Cement

Property	Test Procedure	AC-10-2TR		AC-12-5TR		AC-20-5TR	
		Min	Max	Min	Max	Min	Max
Polymer		TR		TR		TR	
Polymer Content, % (solids basis)	Tex-533-C	2.0	-	5.0	-	5.0	-
Dynamic Shear, G*/sin(delta), 64°C, 10 rad/s, kPa	T315	-	-	-	-	1.0	-
Dynamic Shear, G*/sin(delta), 58°C, 10 rad/s, kPa	T315	1.0	-	-	-	-	-
Viscosity							
140ºF, poise	T 202	1000	-	1200	-	2000	-
275ºF, poise	T 202	-	8.0	-	8.0	-	10
Penetration, 77ºF, 100 g, 5 sec.	T 49	95	130	110	150	75	115
Elastic Recovery, 50ºF, %	Tex-539-C	30	-	55	-	55	-
Softening Point, ºF	T 53	110	-	113	-	120	-
Polymer Separation, 48 hrs.	Tex-540-C	None		None		None	
Flash Point, C.O.C., ºF	T 48	425	-	425	-	425	-
Tests on Residue from Thin Film Oven Test:	T179						
Retained Penetration Ratio, 77ºF	T 49	0.60	1.00	0.60	1.00	0.6	1.00
Tests on Residue from RTFO aging and Pressure Aging Vessel:	Tex-541-C and R28						
Bending Beam Rheometer	T313						
Creep Stiffness, -18°C, MPa		-	300	-	300	-	300
m-value, -18°C		0.300	-	0.300	-	0.300	-